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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/684,705	10/15/2003	Takeshi Ohkubo	Q77937	3649

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EXAMINER	
WATSON, KRISTIE D	
ART UNIT	**PAPER NUMBER**
2878	

DATE MAILED: 09/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/684,705	OHKUBO, TAKESHI	
	Examiner	Art Unit	
	Kristie Watson	2878	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-12 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-12 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

Information Disclosure Statement

The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

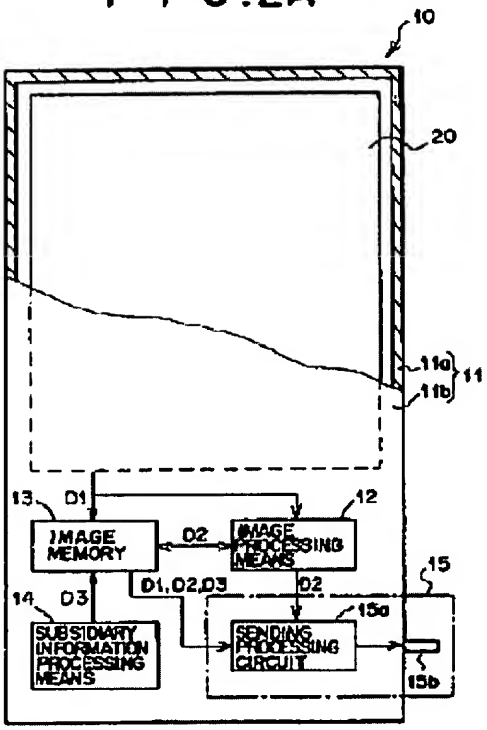
> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

1. Claim 1 through 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoji (U. S. Patent 6,344,652) and Sayed et al (U. S. Patent 5,773,832).

2. Shoji discloses a radiation detecting cassette substantially as claimed. See Figures 1 – 3 where Shoji teaches the following limitations: Pertaining to Claim 1, Shoji (Column 2, lines 45 – 65 and Column 3) teaches that a radiation detecting cassette comprising: a solid state radiation detector for detecting radiation bearing image

information and outputting an image signal representing a radiation image; a control means for controlling the operations of the solid state radiation detector; a cassette main body having a case for housing the solid state radiation detector and the control means (See Shoji Figure 2A). However, Shoji does not teach that a portable operating portion for outputting command signals to the control means for operating the solid state radiation detector, formed as a separate unit from the cassette main body.

FIG.2A



Sayed et al discloses a portable operating portion substantially as claimed. See Figures 1 – 11 where Sayed et al. teaches the following limitations: Sayed et al. (Column 7, Lines 27 – 35) teaches that a portable operating portion for outputting command signals to the control means for operating the solid state radiation detector, formed as a separate unit from the cassette main body (See Sayed, Figure 2). In view of Sayed et al., it would have been obvious to one of ordinary skill to incorporate a portable operating unit for outputting command signals to the control means for operating the solid state radiation detector because it would be desirable to be able to detect the radiation from some remote location (Sayed et al., Column 7, Lines 27 – 35).

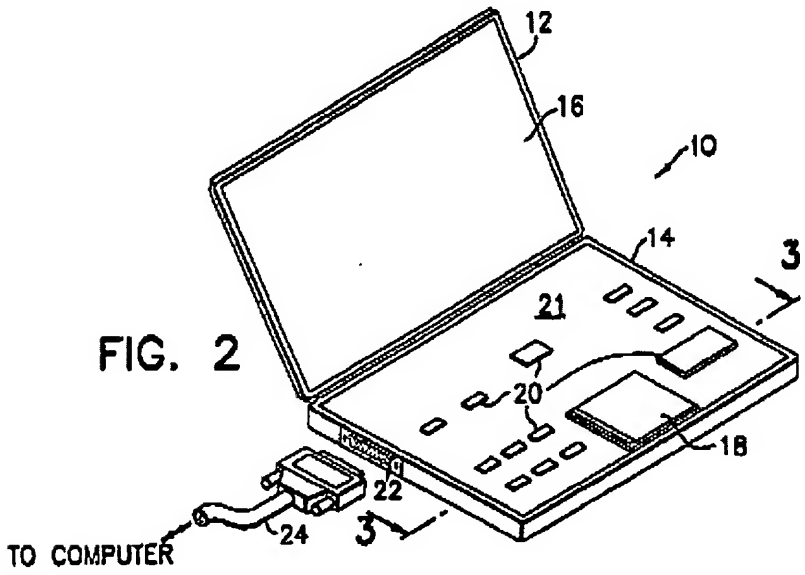


FIG. 2

3. Pertaining to Claim 2, Shoji (Column 3, lines 5 – 10) teaches that a radiation detecting cassette as defined in claim 1, wherein: the operating portion further comprises a display portion for displaying the contents of the command signals.

4. Pertaining to Claim 3, Shoji (Column 3, lines 5-15) teaches that a radiation detecting cassette as defined in claim 2, wherein: the operating portion further comprises an information receiving means for receiving information output from the cassette main body; and
the display portion displays the information received by the information receiving means.

5. Pertaining to Claim 4, Shoji (Column 3, lines 5- 15, 35 – 45) teaches that a radiation detecting cassette as defined in claim 3, wherein: the information receiving means receives information representing an operating state of the solid state radiation detector; and the display portion displays the operating state of the solid state radiation detector.

6. Pertaining to Claim 5, Shoji (Column 3, lines 5- 15, 35 – 45) teaches that a radiation detecting cassette as defined in claim 3, wherein: the information receiving means receives the image signal output from the solid state radiation detector; and the display portion displays an image based on the image signal.

7. Pertaining to Claim 6, Shoji (Column 3, lines 5- 15, 35 – 45), teaches that a radiation detecting cassette as defined in claim 4, wherein: the information receiving means receives the image signal output from the solid state radiation detector; and the display portion displays an image based on the image signal.

8. Pertaining to Claim 7, Sayed et al. (Column 7, lines 27 - 34) teaches that a radiation detecting cassette as defined in claim 1, wherein: the operating portion is removably attachable to the case (See Figure 2 Sayed above).

9. Pertaining to Claim 8, Shoji (Column 3, lines 5 – 10) and Sayed et al. (Column 7, lines 27 – 34) teaches that a radiation detecting cassette as defined in claim 2, wherein: Sayed et al. (Column 7, lines 27 – 34) teaches that the operating portion is removably attachable to the case.

10. Pertaining to Claim 9, Shoji (Column 3, lines 5 – 10) teaches that a radiation detecting cassette as defined in claim 3, wherein: Sayed et al. (Column 7, lines 27-34) teaches that the operating portion is removably attachable to the case.

11. Pertaining to Claim 10, Shoji (Column 3, lines 5- 15, 35 – 45) teaches that a radiation detecting cassette as defined in claim 4, wherein: Sayed et al. (Column 7, lines 27-34) teaches that the operating portion is removably attachable to the case.

12. Pertaining to Claim 11, Shoji (Column 3, lines 5- 15, 35 – 45) teaches that a radiation detecting cassette as defined in claim 5, wherein: Sayed et al. (Column 7, lines 27-34) teaches that the operating portion is removably attachable to the case.

13. Pertaining to Claim 12, Shoji (Column 3, lines 5- 15, 35 – 45) teaches that a radiation detecting cassette as defined in claim 6, wherein: Sayed et al. (Column 7, lines 27-34) teaches that the operating portion is removably attachable to the case.

Priority

The examiner notes that this application claims priority as a continuation application of Japanese Patent 300417/2002 on October 15, 2002, a specific reference to which has been made in an application data sheet.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kristie Watson whose telephone number is (571) 272-5052. The examiner can normally be reached on 8:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Porta can be reached on (571) 272- 2444. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

kdw

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